

comprises means actuated by centrifugal force when the convoluted member is rotated to impart force longitudinally of the rotating convoluted member.

7. The combination called for in claim 1 wherein the means to move the member to move the valve means comprises a threaded shaft; a coupling having a large moment of inertia threadedly connected to said shaft such that initial rotation of the shaft imparts movement of the coupling longitudinally of the shaft before overcoming the inertia of the coupling to rotate same.

8. In a device of the class described, a container for liquid resin; a container for catalyst; separate circulation conduits for the catalyst and resin; means to circulate fluid through each of the conduits; a heater device arranged in heat exchange relation with each conduit; heat sensor means in heat exchange relation with each of said circulation conduits; means to operably connect the heat sensor means to the heater device to control the temperature of the fluid as it flows through each conduit; a mixing and dispensing head having inlet passages arranged to be simultaneously placed in communication with the conduits, said head having an outlet passage; dispensing valve means in said outlet passage; and separate valve means between the head and the conduits arranged to operate in unison to simultaneously bring the conduits into communication with the interior of the head.

9. The combination called for in claim 8 wherein the mixing and dispensing head includes a central passage therethrough into which the resin and catalyst are injected; a rotatable member having spiral convolutions on the outer surface thereof; and motor means for ro-

tating said convoluted member.

10. In a device of the class described, separate circulation conduits for catalyst and resin; means to circulate fluid through each of the conduits; heater means in heat exchange relation with portions of said conduits to maintain the fluids at a pre-selected temperatures as it flows through the said conduits; a mixing and dispensing head arranged to be simultaneously placed in communication with the conduits, said head having an outlet opening; means to open and close said opening; valve means between the head and conduits arranged to simultaneously bring the conduits into communication with the interior of the head; and control means operably connected to the heater and to the means to circulate fluid through the conduits, said control means having an off position, a first position arranged to activate the heater means, and a second position arranged to activate the means to circulate fluid through the conduits.

11. In a device of the class described, a container for liquid resin; a container for catalyst; separate circulation conduits for the catalyst and resin; means to circulate fluid through each of the conduits; a rod extending through a portion of each circulation conduit; means to heat each of said rods; convolutions on the outer surface of said rods to cause spiral movement of fluid as it passes thereabout in each conduit; a mixing and dispensing head arranged to be placed in communication with the conduits; and valve means between the head and the conduits arranged to bring the conduits into communication with the interior of the head.

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